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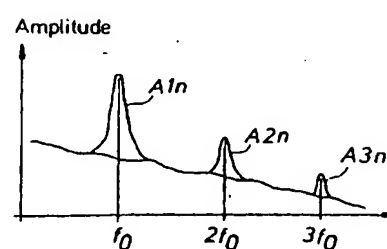
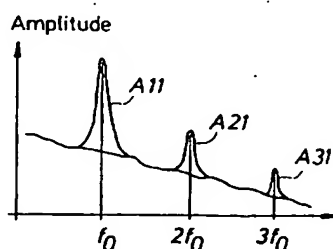
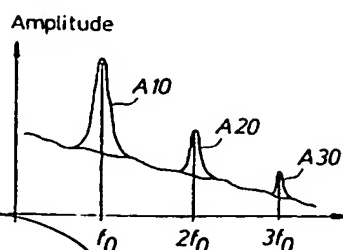
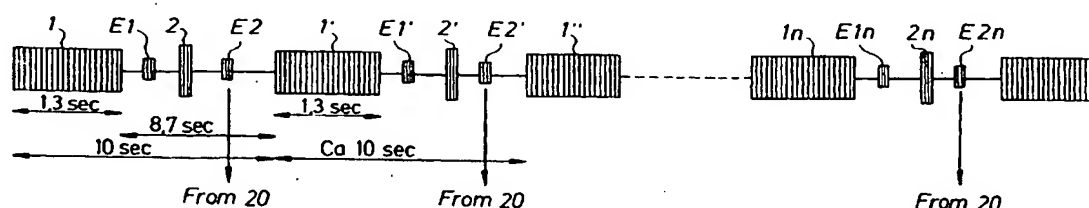
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(54) Title: METHOD AND APPARATUS FOR NON-INVASIVE MEASUREMENT OF A TEMPERATURE CHANGE INSIDE  
A LIVING BODY



(57) Abstract: Method and apparatus for non-invasive measuring of the temperature change of a target inside a body by transmitting an ultrasonic pulse to the target, subjecting a pulse reflected from the target to frequency analysis, and calculating the temperature change of the target therefrom. A frequency spectrum of the reflected pulse is produced and the calculation of the temperature change is effected on the basis of harmonics appearing in said spectrum.

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